Atty Dkt No. DAL 0162 PUSA

S/N: 10/595,114

Reply to Office Action of April 20, 2009

**Amendments to the Claims:** 

This listing of claims will replace all prior versions, and listings, of claims in the

application:

1. (Currently amended) Device for cleaning a flue or the like of a

combustion system, comprising:

a nozzle head, which is located in the flue during the cleaning process and directs

a cleaning medium onto the interior walls of the flue and/or onto pipes located therein,

a hose carrying the cleaning medium, which is connected to the nozzle head in a

non-rotating fashion and can be inserted into the flue along a hose axis such that the position of

the nozzle head in the flue can be adjusted,

hose drum, having a drum axis for winding up and unwinding the hose wound thereabout

thereabout, and a carrier for rotatably supporting the hosedrum, wherein, characterised in that the

hose drum is mounted so as to be rotatable at least about the drum axis in relation to the carrier

to unwind and wind up the hose, and the carrier and hose drum can be rotated together about a

carrier axis to cause the nozzle to be rotary positioned relative to the flue a first axis and a

second axis.

2. (Cancelled).

3. (Previously presented) Device according to Claim 1, characterised in that

the two axes are perpendicular to each other.

4. (Currently amended) Device according to Claim 1, characterised in that

the <u>carrier</u> second axis is essentially vertical.

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5. (Currently amended) Device according to Claim 1, characterised in that the hose can be inserted into the flue through an opening having an essentially vertical axis that is coaxial to the <u>carrier second</u> axis.

- 6. (Currently amended) Device according to Claim 1, characterised in that the rotation of the hose drum about the <u>drum first</u> axis and <u>carrier second</u> axis is controllable.
- 7. (Previously presented) Device according to Claim 1, characterised in that the pressure of the cleaning medium can be adjusted in the hose or in the nozzle head.
- 8. (Previously presented) Device according to Claim 7, characterised in that the pressure is adjustable as a function of the rotational angle of the hose drum about the two axes.
- 9. (Currently amended) Device according to Claim 1, characterised in that the rotational movements about the <u>drum</u> first axis and about the <u>carrier</u> second axis can be preprogrammed.
- 10. (Currently amended) Device according to Claim 2, characterised in that a first servomotor is provided for rotating the hose drum about the <u>drum first</u> axis, and a second servomotor for rotating the drum carrier about the <u>carrier second</u> axis.
- 11. (Previously presented) Device according to Claim 1, characterised in that the nozzle head displays several nozzles that are spaced apart at equal distances in the circumferential direction and directed radially outwards.
- 12. (Currently amended) Device according to Claim 11, characterised in that the hose drum can be rotated back and forth about the <u>carrier second</u> axis over an angular range, where the angular range is no smaller than the angular distance between the nozzles in the circumferential direction.

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13. (Currently Amended) Device according to Claim 1, characterised in that a device for guiding or retaining the nozzle head is provided on <u>one of</u> the nozzle head <u>and</u>[[or no]] one end of the hose.

- 14. (Previously presented) Device according to Claim 13, characterised in that the nozzle head displays an eye or the like for fastening a tensioning rope.
- 15. (New) A device for cleaning a flue or the like of a combustion system, comprising:

a nozzle head to direct a cleaning medium onto interior walls of a flue and pipes located therein, wherein the nozzle head is located in the flue during the cleaning process;

a hose carrying the cleaning medium, the hose connected to the nozzle head in a non-rotating fashion and insertable into the flue such that the position of the nozzle head in the flue can be adjusted;

a hose drum mounted about a drum axis for winding up and unwinding the hose wound thereabout, and a carrier for rotatably supporting the hosedrum, wherein the hose drum is mounted so as to be rotatable at least about the drum axis in relation to the carrier to unwind and wind up the hose, and the carrier and hose drum can be rotated together about a carrier axis to cause the nozzle to be rotary positioned relative to the flue;

a first and second servomotor to rotate the hose drum about the drum and carrier axes; and

a control unit for controlling the servomotors and the rotation of the hose drum such that the device cleans the interior of the flue according to a selected cleaning pattern.